

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A method for ordering parts for a machine being serviced within an e-commerce environment, the method comprising:

transmitting diagnostic data from a local computing device at the machine to a host computing device via a network;

identifying a part to be replaced within the machine as a function of the diagnostic data, wherein

when the part is included as a non-replaceable component in a replaceable sub-assembly within the machine, the identifying step further includes,

identifying the part as the sub-assembly, and

when the part is a replaceable component within the machine, the identifying step further includes,

identifying the part as the component;

determining a part identifier as a function of the part and;

determining if retrofit information is stored on the host computing device for the part identifier;

replacing the part identifier with an updated part identifier stored on the host computing device if the retrofit information is stored on the host computing device for the part identifier; and

transmitting the part identifier from the host computing device to an order processing device.

Claim 2 (cancelled).

3. (previously presented) The method for ordering parts as set forth in claim 1, further including:

determining other parts within the machine to be replaced as a function of the part identifier, since replacing one part in the machine may precipitate changing another part, and any additional parts to be replaced are identified within the retrofit

information as a function of the part to be replaced.

4. (original) The method for ordering parts as set forth in claim 1, further including:

transmitting an identifier of the machine from the local computing device to a host computing device via the network, the part identifier and the retrofit information being identified as a function of the machine identifier.

5. (original) The method for ordering parts as set forth in claim 1, wherein the local computing device is a discrete unit from the machine, the method further including:

connecting the local computing device to the machine via a communication link.

6. (original) The method for ordering parts as set forth in claim 1, further including:

storing the diagnostic data within the local computing device.

7. (original) The method for ordering parts as set forth in claim 1, further including:

transmitting a confirmation to the local computing device that the part identifier has been transmitted to the order processing device.

8. (original) The method for ordering parts as set forth in claim 1, wherein the identifying step includes:

viewing a graphical representation of the machine via a display device; and zooming-in the graphical representation, via a pointing device.

Claims 9-14 (canceled).

15. (currently amended) A system for ordering parts for a machine, comprising:

a diagnostic data transmission arrangement configured to transmit diagnostic data from a local computing device at the machine to a remote host computing

device via a network;

an identification arrangement configured to identify a part to be replaced within the machine as a function of the diagnostic data which is processed by the host computing device;

a storage device communicating with the host computing device for storing retrofit information; and

a processor within the host computing device for determining if retrofit information for the part is stored on the storage device and ensuring the part is current in accordance with the stored retrofit information, the processor identifying the part as an updated part if the part is not current based on the stored retrofit information and transmitting an order for the part from the host computing device to an order processing center.

16. (original) The system for ordering parts as set forth in claim 15, wherein:

if the part is included as a non-replaceable component in a replaceable sub-assembly within the machine, the part being identified as the sub-assembly; and

if the part is a replaceable component within the machine, the part being identified as the component.

17. (original) The system for ordering parts as set forth in claim 15, wherein:

determining additional parts in the machine to be replaced as a function of the part identified to be replaced.

18. (original) The system for ordering parts as set forth in claim 15, wherein:

an identifier of the machine is transmitted from the local computing device to a host computing device via the network, the part and the retrofit information being identified as a function of the machine identifier.

19. (original) The system for ordering parts as set forth in claim 15, further including:

a communication link connecting the local computing device to the machine;

and

a storage device within the local computing device for storing the diagnostic data.

20. (original) The system for ordering parts as set forth in claim 15, wherein the means for identifying includes:

a display device for illustrating a graphical representation of the machine; and
a pointing device for a) zooming the graphical representation until the part is magnified to a predetermined threshold and b) selecting the part.

21. (previously presented) The method for ordering parts as set forth in claim 8, wherein data for the graphical representation of the machine includes the part identifier.

22. (new) A method to order parts for a machine being serviced within an e-commerce environment comprising:

connecting a machine to a local processing device via a communication link, the machine comprising a large-scale printer, copier or other machine;

gathering diagnostic data used for diagnosing malfunctions in the operation of the machine by the local processing device, wherein the diagnostic data is stored in a memory device that communicates with the local processing device;

determining a machine identifier within the local processing device, wherein the determining a machine identifier comprises at least one of:

(i) entering the machine identifier into the local processing device by a user; and

(ii) reading the machine identifier from the machine when the machine identifier is hard-wired into the machine;

transmitting, by the local processing device, the machine identifier and the diagnostic data to a host computing device via a network;

processing the diagnostic data by the host computing device, wherein the processing the diagnostic data comprises at least one of:

(i) running tests, by the host computing device, using the diagnostic data to determine if any parts of the machine are not functioning as expected; and

(ii) inspecting the parts of the machine, by the user, to identify parts that are in need of replacement;

determining a part of the machine to be replaced, the part to be replaced comprising one of the parts not functioning as expected or one of the parts in need of replacement;

determining a part identifier of the part to be replaced, wherein the part to be replaced is identified by viewing a graphical representation of the machine on a display device, the determining a part identifier of the part to be replaced comprising:

pointing by the user, via a pointing device, to an area on the display device displaying a section of the machine including the part to be replaced;

when the pointing device is positioned over an appropriate section of the displayed section of the machine, magnifying, by the user, that portion of the machine, and repeating the pointing and magnifying process until the part to be replaced is magnified to a predetermined threshold level for showing a predetermined level of detail;

when the part to be replaced is magnified to a predetermined level on the display device, selecting, by the user, the part to be replaced with the pointing device; and

when the part to be replaced is selected, viewing the part identifier, wherein the part identifier is included within machine data for the graphical representation of the machine, and wherein the machine data is stored in at least one of:

(i) the memory device that communicates with the local processing device; and

(ii) in the host computing device;

transmitting the identifier of the part to be replaced from the local processing device to the host computing device;

maintaining retrofit information for each of the parts of the machine on a storage device which communicates with the host computing device, as a function of the machine identifier, wherein the retrofit information represents updated information for determining if the part identifier of the part to be replaced has become obsolete;

updating the part identifier of the part to be replaced as a function of the retrofit information, by a host processing device in communication with the host computing device, to determine whether any updated information is available for the part identifier, wherein the part identifier determined in the step of determining the part identifier of the part to be replaced may or may not be replaced with an updated part identifier; and

transmitting the updated part identifier from the host computing device to an order processing device, wherein, if a part corresponding to the updated part identifier is available at a distribution center, the part corresponding to the updated part identifier is shipped to a location of the machine, and wherein, if a part corresponding to the updated part identifier is not available at a distribution center, an order for the part corresponding to the updated part identifier is automatically forwarded to at least one of a regional and a national distribution center.

23. The method according to claim 22, wherein the updated information maintained on the host computing device also identifies other parts that are to be replaced along with the part to be replaced, and wherein replacing the part to be replaced precipitates changing at least one additional part of the machine, and any additional parts of the machine to be replaced are identified within the retrofit information as a function of the part identifier of the part to be replaced.

24. The method according to claim 22, wherein:

if the part to be replaced is a replaceable component within the machine, wherein the part to be replaced is replaceable as a discrete element, the part identifier of the part to be replaced represents the replaceable component; and

if the part to be replaced is a non-replaceable component within a replaceable sub-assembly, wherein the part to be replaced cannot be removed and/or replaced within the machine without removing and/or replacing an entire sub-

assembly, the part identifier represents the entire sub-assembly including the part to be replaced.